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No. 18]

NEW DELHI, SATURDAY, MAY 1, 1971 (VAISAKHA 11, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 1st May 1971

SPECIAL NOTICE

No. F. 31(3)-PP&D/68.—Ministry of Industrial Development and Internal Trade (Department of Industrial Development) Notification No. S.O. 364 dated the 19th January, 1971 published in the Gazette of India Extraordinary, Part II-Section 3 Sub-section (ii) is reproduced below for general information :—

"S.O. 364.—Whereas the Central Government has, as required by sub-section (2) of Section 78C of the Indian Patents and Designs Act, 1911 (2 of 1911), reconsidered the question whether the direction issued under sub-section (1) of the said Section to the Controller by the Notification of the Government of India, Ministry of Industrial Development, Internal Trade and Company Affairs (Department of Industrial Development) No. S. O. 235 dated the 20th January, 1970 as published in the Gazette of India Extraordinary, Part II, Section 3(ii), dated the 20th January, 1970 continues to be necessary or expedient in the public interest;

And, whereas, on such reconsideration it appears to the Central Government that the said direction continues to be necessary in the public interest.

Now, therefore, in pursuance of sub-section (3) of the said section, the Central Government hereby notified that the said direction continues to be necessary in the public interest".

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

12th April 1971

130922. N. V. Paranjape. Driving a pump by using flexible casing and steel rope, to increase comfort of

human occupation. The invention is called "Casing and steel Rope drive for pump to be used in Air Coolers".

130923. Stamicarbon N. V. Process for increasing the corrosion resistance of austenitic stainless steels.

130924. Queen's University At Kingston. Vortex clarifier. (4th February 1971).

130925. United Kingdom Atomic Energy Authority. Improvements in or relating to the reduction of refractory metal oxides.

130926. Sarvoday Industries. Hinges.

130927. Phillips Petroleum Company. Microbial synthesis from hydrocarbon products.

130928. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New day light fluorescent pigments and process for their preparation.

130929. B.S.C. Footwear Limited. Method of manufacturing leather goods and the like. (13th April 1970).

130930. Kyorin Seiyaku Kabushiki Kaisha. Pyrazole [1, 5-a] pyridine derivatives, process for their preparation and compositions containing the same.

130931. Gruppo Lepetit S.p.A. 6-halosteroid oxazolines and process for their preparation. [Divisional date 15th May 1969].

130932. Orszagos Gumiipari Vallalat. Pneumatic tyres.

130933. F. C. Mendoza. Improvements in and relating to a transportation system.

130934. P. S. Vishnu and V. N. Gajanan. A button having a fixing arrangement.

130935. V. K. Kotibhasker, D. R. Moholkar and P. R. Moholkar. Modifications and improvements in or relating to single blade grinders for continuous output.

130936. S. Puttaraju. Improved pinch valve.

130937. P. V. Rao. Improvements in or relating to pancromatic still and movie camera.
130938. P. V. Rao. Improvements in or relating to auto-stereos copy movie projector.
130939. P. V. Rao. Sound and light proof ventilator.
130940. D. R. Joshi. Method of manufacture of soap in sheets.

13th April 1971

130941. M. L. Malhotra. Mini sewing machine.
130942. A. N. Kalolia. An automatic ampoules making machine.
130943. Shell Internationale Research Maatschappij N. V. Fungicidal compounds. (15th April 1970).
130944. Dunlop Holdings Limited. Reinforced rubber articles. (14th April 1970).
130945. Dorr-Oliver Incorporated. Benefaction of phosphate rock.
130946. J. Kraus. Piston pumps.
130947. Velcro S. A. Adhesive element in cloth form.
130948. Kennedy Van Saun Corporation. Process and apparatus for preheating limestone and the like.
130949. Saint-Gobain. Apparatus for the formation of sheets or mats of fibres of thermoplastic materials.
130950. Pullman Incorporated. Production of reducing gas.
130951. T. A. Hartman. Elastomers in shear in force transfer systems.
130952. The Air Preheater Company, Inc. Air modulation for waste incinerator.
130953. I. Orsini. Measuring caliper.
130954. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzoxanthene and benzothioxanthene dyestuffs and process for their manufacture.
130955. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzoxanthene and benzothioxanthene dicarboxylic acid imide dyestuffs and process for their manufacture.
130956. D. N. Sethna and V. G. Paranjpe. High-strength, weldable, titanium-nitrogen low-alloy steel.
130957. D. N. Sethna and V. G. Paranjpe. High-strength, weldable, titanium-vanadium-nitrogen low-alloy steel.
130958. D. N. Sethna and V. G. Paranjpe. High-strength, weldable, titanium-columbium-nitrogen low-alloy steel.
130959. Merck & Co., Inc. Stabilized vitamin C and iron in canned foods.
130960. Fernsch Gesellschaft mit beschränkter Haftung. Circuits for producing a vertical aperture correction signal for television image transmitters.
130961. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of amines.
130962. Kamas Kvarnmaskiner Ab. Apparatus for drying materials.
130963. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of water-soluble dyes having an affinity for fibres.
130964. Bassani S.p.A. Raceway for beds of hospitals and the like.
130965. Bassani S.p.A. Conduits for the supply of utilities in hospitals and the like.
130966. Robert Bosch GmbH. Improvements in or relating to control devices for fuel injection systems for

mixture-compressing internal combustion engines with applied ignition.

130967. Secto Company Limited. Insecticidal compositions.
130968. Aaronson Bros. Limited. A method of fireproofing treatment of trees.
130969. Wilco Chemical Corporation. Polymerization of unsaturates.
130970. Societe Fives Lille-Cail. Apparatus for the extraction by diffusion of soluble substance contained in vegetable material.
130971. (Mrs.) Dru Gulab Vaswani and (Mrs.) Nalini Prem Malkani. A two-piece suspender.

4th April 1971

130972. D. S. Bist. Hydro ropeway system of transportation.
130973. V. S. Iyer. A process for the production of high pressure gas for driving engines or turbines.
130974. Dunlop Holdings Limited. Improvement to hose pipes. (15th April, 1970).
130975. Pfizer Corporation. Process of preparing 4-alkyl-diphenylmethoxy-alkylamines. (23rd April 1970).
130976. Girling Limited. Improvements in hydraulic braking systems for vehicles. (23rd April 1970).
130977. Sulzer Brothers Limited. A storage device for filamentary material.
130978. Sinc Qua Non Inc. Portable data terminal.
130979. Philip Morris Incorporated. Safety razor embodying blade pressure control.
130980. Hindustan Lever Limited. Toothpastes. (17th April, 1970).
130981. Hindustan Lever Limited. Metal cleaning process.
130982. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Hydroxy-phenylalanine hydrazides.
130983. Treadwell Corporation. Refrigeration system, heat recovery system, refrigeration gas compression system and brayton cycle system.
130984. Dynamit Nobel Aktiengesellschaft. Method of making benzene carboxylic acids or benzene dicarboxylic acid esters.
130985. Treadwell Corporation. Waste heat steam generating cycle.
130986. Treadwell Corporation. Waste heat recovery system.
130987. Sumitomo Chemical Company, Limited. Process for the preparation of aromatic secondary or tertiary amino compounds.
130988. Globe-Union Inc. Storage batteries and method for making same.
130989. G. S. Davar. Improvements in or relating to bearings for textile rollers.

16th April 1971

130990. P. P. Products. Improvements in or relating to a lock.
130991. M/s. Associated Capsules Pvt. Ltd. Improvements in or relating to closures for non-disposable heavy-duty polythene or the like bags.
130992. Bp Chemicals Limited. Phenol derivatives.
130993. Imperial Chemical Industries Limited. Glass reinforced polymer composites. (17th April, 1970).
130994. Dunlop Holdings Limited. Flexible sheet materials.
130995. Applied Power Industries, Inc. Freely positionable force distributing device.

130996. Applied Power Industries, Inc. Self-stabilizing force distributing apparatus.
130997. Council of Scientific and Industrial Research. A new process for the improvement of tamarind kernel powder from the seeds of *tamarindus indica* linn.
130998. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Phenyloxy derivatives.
130999. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Chlorophenyl derivative.
131000. "Labor" Muszeripari Muevk. Laboratory kneader.
131001. Soharfenbergkupplung G.m.b.H. Device for absorbing excessive thrust.
131002. Dr. C. Otto & Comp. G.m.b.H. By-product coke oven.
131003. A. Taher. Improvements in and relating to boring heads.
131004. A. K. Jain. Method for transmission of human pulse and heart sounds from one place to another.
131005. G. V. Natarajan. Improved modern steel almirah.
131006. J. A. Mary. Semi permanent moulded block latrine/Urinal.
131007. O. A. Basha. Soja automatic machine for frying and de-husking grams and peas and the like.

Alteration of Date

127741. Ante-dated to 5th July 1968 under Section 5 of the Act.
129842. Ante-dated to 6th November 1969 under Section 5 of the Act.
129843. Ante-dated to 6th November 1969 under Section 5 of the Act.
130499. Ante-dated to 19th June 1969 under Section 5 of the Act.
130498. Ante-dated to 19th June 1969 under Section 5 of the Act.
130833. Ante-dated to 5th July 1969 under Section 5 of the Act.
130832. Ante-dated to 5th July 1969 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

122089. M. S. Caspe. Earthquake Isolation of multistory structure. Accepted on 2nd April 1971.

Wherein the apparatus for isolating superstructure from foundation comprises means for transferring the superstructure weight to the foundation, said means permitting horizontal movements between the superstructure and foundation and con-

trol means for transmission of horizontal forces between the superstructure and foundation, for preventing horizontal movements upto a predetermined magnitude of horizontal forces and permitting horizontal movements when the predetermined horizontal force magnitude is exceeded.

122119. G. M. Garde. A new method for the manufacture of zinc chloride. Accepted on 5th April 1971.

Comprises initiating a reaction between chlorine gas and moist zinc or zinc oxide or inorganic salts of zinc e.g. hydroxides, carbonates, sulphides or silicates or mixtures thereof at room temperature said reaction being continued at higher temperature by the self generated heat of exothermic reaction.

122123. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Stabilized moulding compositions from polymers of α -olefins. Accepted 5th April 1971.

Comprising a tetraphenol and a dialkyl sulfide.

122127. N. V. Philips Gloeilampenfabrieken. A stable aqueous dispersion and method of producing the same. Accepted on 5th April 1971.

Comprises at least one emulsified phase and at least one suspended phase which phases contain a pesticide the aqueous dispersion being stabilized by the presence of a hydrated animal protein.

122138. M. B. Sheth. An improved lock. Accepted on 7th April 1971.

Characterized in that it includes four cylinders, one on each side and two at the top, each of the said cylinders accommodating a set of three levers.

122173. Mission Manufacturing Company. A replaceable drill bit for a fluid-powered hammer drill. Accepted on 8th April 1971.

Having an anvil surface, an annular shoulder, an axial exhaust duct through the bit and means for exhausting the forward working chamber during an abnormally advanced position of the bit, said means comprising first and second recessing on the bit.

122181. Colgate-Palmolive Company. Superfatted soap. Accepted on 29th March 1971.

A process in which a detergent type sulfonic acid is added to a neutral soap to liberate fatty acids and neutralize the sulfonic acid additionally anionic synthetic detergent may be added to increase the detergent.

122196. P. A. Antonov, I. A. Belyacvskaya, Y. B. Kaganer and M. A. Lovyagin. A floating dock with ports made in towers. Accepted on 3rd April 1971.

Each port is disposed in such a manner that the vertical plane of its symmetry is aligned with the plane of the main water-proof cross bulk head.

122197. Veb Elektro-Apparate-Werke Berlin-Treptow. Single pole or multipole current-limiting circuit breaker. Accepted on 12th April 1971.

Comprising a breaker and breaker operating member in the fixed and movable breaker pieces respectively which face each other to form a conductor loop and a solenoid operated armature separating the said breaker members by repulsive action of parallel path of the loop during overcurrent.

122205. L. Givaudan & Cie Societe Anonyme. Substituted hydro-2-naphthalenones, process for the manufacture thereof, and perfume compositions containing the same. Accepted on 12th April 1971.

Comprises reacting 2-formyl-2-methyl-4-isopropenylcyclohexanone with acetone or a β -ketoester.

122234. S. A. Texaco Belgium N. V. Process for growing yeast on petroleum hydrocarbons. (7th July 1969). Accepted on 14th April 1971.

Process for the production of yeast which comprises aerobically culturing a yeast which is can-

- dida guillermoudii* or *candida rugosa* on a liquid nutrient medium in the presence of a feed stock containing paraffinic petroleum hydrocarbons as a carbon source and recovering the yeast produced.
122264. Sun Oil Company. Method of forming thermoplastic polymer shapes below polymers melting point. Accepted on 6th April 1971.
- Comprises first establishing a heterogeneous composite of thermoplastic polymer and a carrier having (1) a m.p. at least 20°C lower than that of the polymer (2) substantial non absorbability of the polymer by the carrier (3) and having a viscosity at a temperature above its m.p. not more than 1/10 of that of the polymer; forming above a body of the desired shape at a temperature the m.p. of the carrier but below the m.p. of the polymer and then heating it above the m.p. of the polymer.*
122305. Black, Sivalls & Bryson, Inc. Purification of acid mine water. Accepted on 7th April 1971.
- Comprises separating from water solids drying the solids introducing the dried solids into a molten iron bath containing carbon to convert into sulphides withdrawing the solids containing sulphides from molten iron bath and converting in a manner known per se the sulphides into elemental sulphur.*
122308. S. Ruben. Electric current producing cell. Accepted on 12th April 1971.
- Comprises a supporting base of titanium nitride having a coating of lead per oxide the negative electrode comprising lead.*
122325. The Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi (India). Method of removing carbon deposits from metal surfaces and a system for use on automotive and aero-engine parts. Accepted on 5th April 1971.
- Comprising an organic layer including a chlorinated hydrocarbon solvent, a known emulsifier and a creosote oil, said system also including, if preferred, an aqueous layer forming a two layer liquid system comprising an upper aqueous layer and a lower organic layer.*
122376. Dr. C. Otto & Comp. G.m.b.H. Improvements in or relating to coke ovens. Accepted on 6th April 1971.
- Each flue having two burners, the higher ones consist a first group the lower ones consist a second group, each group having a horizontal gas supply in the cellar space connected to gas main.*
122577. Ciba of India Limited. Novel dyestuffs, process for their manufacture, and synthetic fibres dyed and printed therewith and novel intermediates and process for preparing them. Accepted on 6th April 1971.
- $$\begin{array}{c} Y_2 \quad -Z \\ | \quad | \\ \text{OHC}-C_6H_2-N \\ | \quad | \\ Y_1 \quad A-Cr \\ -V-B \end{array}$$
- Comprises condensing* $\text{OHC}-C_6H_2-N$ $\begin{array}{c} Y_2 \\ | \\ Y_1 \end{array}$ $\begin{array}{c} -Z \\ | \\ A-Cr \end{array}$ $-V-B$
- with NC — CH₃ — X, A is alkylene, B is monovalent organic, X is cyano, carbamyl, arylsulphonyl or carbalkoxy group Y₁ and Y₂ each is hydrogen, halogen or alkyl or alkoxy and Z is alkyl, V is sulphur or NH-group or oxygen when B is aromatic.*
123068. Reifenhäuser Kg. A pigment concentrate for the manufacture of synthetic foils having paper properties and process for manufacturing the said foils. Accepted on 13th April 1971.
- Consisting 50–75 per cent by weight titanium dioxide and 50 to 25 per cent by weight of wax.*
123219. V. C. Vadher. Improvements in or relating to vacuum pumps. Accepted on 19th March 1971.
- Comprises a squirrel cage type impeller provided with a plurality of impeller blades, said blade impeller being mounted eccentrically in an impeller housing and a control plate having an inlet port and an outlet port.*
123399. Massey-Ferguson Services N. V. Improvements in metering devices for seed or fertilizer drills. (3rd October 1968). Accepted on 3rd April 1971.
- A rotary metering member mounted in the body of the device, is movable along its rotary axis between an in-use position and an out-of-use position from which said member may be withdrawn from said body in a transverse direction.*
123414. Sandoz Ltd. Process for the production of polymers containing phosphorus and nitrogen. Accepted on 3rd April 1971.
- Reacting a phosphonitrilic halide with a tetrahydric alcohol or a tetramine or with an oxyalkylated amine and optionally treating the reaction product with ammonia, a primary amine or a secondary amine.*
123422. Calmec Extrulorm Limited. Improvements in machines for comminuting sheet material. Accepted on 5th April 1971.
- Comprising at least a pair of interengaging shear cutters to cut the fed strips into a multiplicity of longitudinal strips and a following cross cutter to sever each of the strips transversely into small pieces in conjunction with a fixed cutting edge.*
123453. Montecatini Edison S.p.A. Catalyst based on aluminium fluoride for the fluorination in gaseous phase of hydrocarbons. Accepted on 6th April 1971.
- Consists of AlF₃ or fluorinated alumina containing compounds of Mn, Cr and Ni corresponding to 0.05–5% Mn, 0.5–5% Cr and upto 5% Ni by weight of metal on the total.*
123460. Elich Kiefer Lufttechnische Anlagen G.m.b.H. Apparatus for drying loose fibrous materials and the like. Accepted on 8th April 1971.
- At least two successive perforated drying drums carrying the material alternately on their upper and lower sides are provided with suction fans for drawing out air in axial direction and are rotated at different peripheral speeds.*
123479. Certels Limited. Artificial stone tiles (11th October 1968). Accepted on 8th April 1971.
- Comprising in the formation of a mix of essential crystalline mineral particles, the mix incorporating a proportion of feldspathic material and a green strength binder, pressing the mix into dense, firm green shapes and firing the green shapes for a time and at a temperature sufficient to cause surface fusion of the feldspathic material alumina is incorporated in the mix from 1–40%.*
123506. Manufacture Quenot, Mabo, s.a.r.l, formerly Quenot & Cie S.r.l. An attachment device for fitting to the end of a measuring tape or the like. Accepted on 7th April 1971.
- A plate fixable to the end of the tape, a hook attached to the said plate and arranged to pivot between an open position inclined to the plane of the tape and a closed position parallel to the plane of the tape and in contact with the said plate.*
123530. Westinghouse Electric Corporation. Fluid flow measurement system. Accepted on 8th April 1971.
- Comprising (a) a plurality of pairs of transducer each transducer pair comprising opposed upstream and downstream transducers separated by a known distance, (b) means for energizing each pair of transducers for propagation of acoustic energy through the fluid towards one another along an acoustic path (c) circuit means coupled to pairs of transducers and responsive to the output signals provided thereby for obtaining values indicative of the difference transit time of acoustic energy propagated between transducer pairs (d) means for performing summation of values by predetermined constants*
123545. Farbenfabriken Bayer Aktiengesellschaft. Process for working up impure vinicky acetate. Accepted on 13th April 1971.

Comprising distilling in plurality by distillation columns in presence of oxygen.

123548. Cluett, Peabody & Co. Inc. Split detector for fabrics undergoing incremental lateral stretching. Accepted on 13th April 1971.

A pair of cylindrical rolls with circumferential lanes and grooves, means for maintaining said rolls in parallel relationship, means for positively rotating one of said rolls and means for scanning the web.

123616. Danfoss A/S. Motor-compressor. Accepted on 6th April 1971.

Having secured at one end-face of the shaft a disc which outside an annular part extending beyond the diameter of the shaft and forming an axial bearing has an additional part-ring as a compensating weight on the side opposite the crank.

123617. Danfoss A/S. Hydrostatic steering systems. Accepted on 6th April 1971.

Motors are arranged in parallel, fluid under pressure flowing through the metering device is divided into at least two equal streams by means of a quantity divider, and each divisional stream is allotted to a motor.

123618. Danfoss A/S. Actuating device for gas switches. Accepted on 6th April 1971.

Having the push-button positioned away from the switch, and a hydraulic transmission system fitted between the button and the pressure member.

123619. Danfoss A/S. Oil-pump for a motor compressor. Accepted on 6th April 1971.

Having an insert at the lower end of motor-shaft in the form of a propeller having a vertically disposed axis.

123620. Danfoss A/S. Motor compressor particularly for small refrigerating machines. Accepted on 6th April 1971.

Located in the inner peripheral surface of the cavity in the motor-carrying element, grooves which are covered by peripheral wall of insert and form passages connected to noise-reducing chambers.

123621. Danfoss A/S. Piston, particularly for a reciprocating compressor. Accepted on 6th April 1971.

Substantial part of the piston is formed by a section of sphere solidly connected to connecting rod and remaining part is formed by annular girdle, spherical outer surface of the section and the inner furcace of the girdle complementary thereto extending in an axial direction.

123622. Danfoss A/S. Thermostatically controlled expansion valve for refrigerating equipment. Accepted on 6th April 1971.

Thermostatically actuated auxiliary valve controls the flow through a throttle, the pressure drop at which displaces a piston, actuating a main valve against the resistance of a counter pressure spring.

123742. Imperial Chemical Industries Limited. Metal organic compounds. (31st October 1968). Accepted on 8th April 1971.

Comprising reacting tetrakis (II methylal) titanium with triphenyl methyl chloride.

123749. General Electric Company. Improvements in or relating to polyester amide base wire enamel coating compositions. Accepted on 8th April 1971.

Being characterized in that said composition contains from about 0.5 to 8% of biphenyl based on the weight of the said composition.

- 123756 N. V. Philips Gloeilampenfabrieken Method of densifying magnetically anisotropic powders and anisotropic permanent magnets manufactured by said method. Accepted on 12th April 1971.

Characterized in that the powdery mass is compressed by an isostatic pressure of at least 10 kbar and is slightly deformed anisotropically and plastically whilst said isostatic pressure is maintained.

123802. The Firestone Tire & Rubber Company. Polymerisable composition and process for preparing a hard fast curing resin therefrom. Accepted on 8th April 1971.

Comprising peroxide curing of butadiene polymers having a dilute solution viscosity of 0.19—1.0 and having a high vinyl content and a narrow molecular weight distribution, using a peroxide which gives free radicals of the structure $R_2(CR_2)CO$ wherein R is a hydrocarbon radical of 1 to 20 carbon atoms.

123913. Infraroustechnik A. B. A reflector device for radiation sources. Accepted on 7th April 1971.

Holder supporting a reflecting metal strips having stop members each engaging one parallel rim of the strip which is elastically deflected against supporting surface which has at least one groove for enabling the strip to be flexed therein under elastic deformation.

123935. K. U. Varunny. Conical type ball clutch. Accepted on 3rd April 1971.

Comprises two conical flanges meeting on their bases, the driving flange being provided with diagonal cross webs to drive the steel balls inside, in order to lock them in between the flanges when driving motor attains full speed.

123958. Nippon Kokan Kabushiki Kaisha. An improved method of making tar-bonded dolomite-magnesite brick. Accepted on 2nd April 1971.

Adding tar having a pitch concentration of more than about 90% to a mixture of dolomite clinker and magnesite clinker, kneading and forming the resulting admixture and baking the formed material at a temperature of between about 200°C—250°C.

124073. Imperial Chemical Industries Limited. Pyrene brightened polymer compositions and process for the manufacture thereof. (10th December 1968). Accepted on 13th April 1971.

Characterized in that a polyethylene terephthalate fibre is treated with a dispersion of pyrene 1-methylcarboxylate in sulphorvated alkyl naphthalene to produce a brightened polymer thereof.

124092. Nippon Kokan Kabushiki Kaisha. Heat treatment for ferrite pearlite steel. Accepted on 3rd April 1971.

Comprising the steps of hot forming the steel with an austenitic structure, cooling the formed steel to a temperature within 700—500°C to transform 50% to 90% of the austenitic structure into the ferritic pearlite structure, heating the steel to a temperature above the A-3 transformation point for austenification and then cooling the steel to obtain a product with 90% of ferrite pearlite structure.

124128. The B. F. Goodrich Company. Coupling for plastic pipe. Accepted on 2nd April 1971.

Providing a readily releasable clamping member cooperating with end flanges formed on the plastic pipe sections with a sealing gasket interposed between the adjacent faces of the flanges.

124136. Sandoz Ltd. Dyeing preparations. Accepted on 8th April 1971.

Contains a disperse dye, a water soluble reactive dye and a synthetic water soluble alkaline salt of an organic sulphonic or carboxylic acid with molecular weight of 200 to 50,000 and 25 to 60 parts of water.

124166. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brunst. Syringe for single injection. Accepted on 7th April 1971.

Comprising an external tube to receive the cylindrical ampoule a sterile chamber that is fixedly connected with a cannula and a protective cap that can be screwed onto the sterile chamber.

124176. Gestetner Limited. Heat sensitive stencil. (29th November 1968). [Addition to No. 124177]. Accepted on 3rd April 1971.

Wherein the support sheet being impregnated with an ink-impervious layer of a composition comprising a mixture of one or more plasticisers, a eutectic mixture of thermoplastic resins and a sublimable compound.

124177. Gestetner Limited. Heat sensitive stencil. (29th November 1968). Accepted on 3rd April 1971.

Wherein the support sheet being impregnated with an ink-impervious layer of a composition comprising a mixture of one or more plasticiser with an eutectic mixture of thermoplastic resin.

124198. Sintef. Process for dehydration of food products particularly fish and meat. (13th December 1968). Accepted on 2nd April 1971.

Freezing the product to be dehydrated, subdividing it in frozen condition to particles and drying it by a gaseous drying agent having a temperature above the thawing point of the product and moving relative to said product.

124201. Wellman, Inc. Solid glass sphere reinforced polyamide molding composition. (28th April 1969). Accepted on 3rd April 1971.

Comprising a polyamide molding resin and as a filler solid spheres of 5 to 100 microns dia of alkali metal silicate based glass.

124215. Council of Scientific and Industrial Research. Improvements in or relating to electrolytic preparation of lead dioxide electrodes for electrolysis. Accepted on 12th April 1971.

Comprising depositing lead dioxide on graphite or other metallic substance from lead nitrate copper nitrate bath containing 0.1—2 gpl of cationic surfactants like cetyl trimethyl ammonium bromide trimethyl tetradecyl ammonium bromide/dedecyl trimethyl ammonium bromide all belonging to quaternary ammonium type, when copper or stainless steel is used as cathode.

124222. Tefal S. A. Improvements in or relating to cooking utensils. Accepted on 6th April 1971.

Utensil comprising a metallic base covered on at least its internal surface with a layer of anti-adhesive material in synthetic resin.

124234. Tecumseh Products Company. Improvements relating to motor-compressor units. (24th September 1969). Accepted on 6th April 1971.

Comprising a frame cast about a stator and carrying a compressor connected to a rotor and a housing enclosing the frame.

124267. Erich Kiefer Lufttechnische Anlagen G.m.b.H. Method and apparatus for drying slivers or the like. Accepted on 12th April 1971.

In which the sliver is fed upon each rotating drum of a drum drier while reciprocating the sliver back and forth substantially in the longitudinal direction of the drum so as to apply the sliver upon the drum in a zig zag formation which has a pitch depending upon the width of the sliver.

124310. Dorr-Oliver Incorporated. Process and apparatus for the production of sulphuric acid. Accepted on 5th April 1971.

Characterised in that the purified gases are reheated by heat exchange with the sulphur-dioxide-bearing combustion gases.

124312. R. A. Underhill. Welding helmet. Accepted on 13th April 1971.

Characterized in that the housing has two frames, at its inspection side one housing stationary, and

the other being slidable up and down along the housing.

124340. Societe Des Accumulateurs Fixes Et De Traction. Sealed cylindrical electrochemical cells and the manufacture thereof. Accepted on 13th April 1971.

Characterized in that an equivalent shape is substituted to the cup, such shape being obtained from a metal sheet, comprising a bottom and a cylindrical wall which is slit substantially on its whole height along at least one generatrix, said shape being then outwardly coated except on the central portion of its bottom, by a casing molded in situ.

124370. The Western States Machine Company. Continuous sugar centrifugal machine. Accepted on 3rd April 1971.

Comprising an annular sloping partition within a casing in the path of sugar grains from the rim of a centrifugal bracket and means for wiping clinging material from the partition and maintaining in relative wiping motion.

124998. Stamicarbon N. V. Process for treating urea granules. Accepted on 7th April 1971.

Comprises treating the granules with a coating agent comprising a mineral oil, 5 to 20% by weight of solid paraffin and 1 to 15% by weight of animal or vegetable fat or an animal or vegetable oil and keeping the temperature of urea granules being treated between 30°C and 65°C.

125169. Ugene Kuhlmann. Process and composition for tanning animal skins. Accepted on 3rd April 1971.

Chromium tanning is carried out with a mixture of one trivalent chromium salt and a double carbonate of aluminium and an alkaline metal.

125198. Vsesojuzny nauchno-issledovatel'sky institut legkogo i textilnogo mashinostroenia Vniittekماش. Improvements in or relating to a device for laying weft thread in shed in looms. Accepted on 15th April 1971.

Comprising two displaceable tubes mounted on both sides of the shed a source of compressed air in one tube for feeding the weft thread, a suction flow for receiving said weft thread, a reed serving as guide for the said tube.

125215. N. V. Philips Gloeilampenfabrieken. Substrate consisting of a non-magnetic, dielectric, ceramic material and destined for an integrated microwave system having a hybrid structure, and a method of manufacturing such a substrate. Accepted on 12th April 1971.

Comprising a non-magnetic ceramic material, regions of a soft magnetic sintered ferrite having a curia point lower than the lowest operating temperature of the system.

125523. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for fixing pigments on fibrous materials or structures with a flat surface. Accepted on 12th April 1971.

Comprises applying onto the substrate printing pastes or padding liquors containing in addition to inorganic or organic pigments, as binding agent, a precondensation product and as hardening agent, potentially acidic compounds and fixing by exposing the prints or padded dyeings to dry heat.

125668. Pintsch Bamag Aktiengesellschaft. Improvements in or relating to processes for the production of nitric acid. Accepted on 5th April 1971.

Comprises reacting ammonia and air in presence of catalyst at a pressure of 2 to 15 atmosphere to form nitrous gas, cooling the nitrous gas, oxidising the nitric oxide contained in the nitrous gas in first oxidation step, contacting the oxidized nitrous gas with nitric acid having a concentration of about 20 to 45% to produce weak nitric acid

by chemical absorption, oxidising the nitric oxide remaining in nitrous gas in a second oxidation step, scrubbing out the nitrous oxide, separating out nitrous oxide from highly concentrated nitric acid scrubbing agent, liquefying separated nitrous oxide and oxidising the liquefied nitrous oxide to form highly concentrated nitric acid.

125677. Clayton Dewandre Company Limited. Gear box controls. Accepted on 6th April 1971.

Comprising a hand lever movable in a gate on a casing to operate means for opening and/or closing certain of a number of valves provided in the casing depending on the lower position to control the supply of fluid to a motor or motors.

125678. Clayton Dewandre Company Limited. Improvements in or relating to actuators for gear boxes. Accepted on 6th April 1971.

Comprising a piston secured to an actuator shaft and reciprocably mounted in an inner cylinder closed at one end which in turn is mounted in an inner cylinder closed at one end which in turn is mounted in an outer cylinder closed at one end and having at least three fluid ports for actuator operation.

125679. Clayton Dewandre Company Limited. Improvements in or relating to braking apparatus for motor vehicles. Accepted on 6th April 1971.

Wherein a brake motor in the form of piston any cylinder has its two relatively movable components connected respectively to two braking mechanisms to apply the brakes with equal force.

125810. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of 0-benzoylbenzoic acid. Accepted on 5th April 1971.

Oxidising an indan with nitric acid and/or a chromium (VI) compound.

125900. D. Odawara. Machine of the rotary blade type. Accepted on 12th April 1971.

Comprises a casing, a rotor rotatably mounted in the casing and disposed eccentrically with respect to the cylindrical inner surface of the casing at least one telescopic blade for sliding motion in a blade groove formed to extend through the rotor.

125947. Regie Nationale Des Usines Renault. Improvements in hydrodynamic bearings. Accepted on 12th April 1971.

Internal surface of the bearing is corrugated and the corrugated surface comprises, for each overpressure area, a contour of substantially sinusoidal pattern corresponding, in the direction of rotation of the shaft, to more than one half sinusoid having a concave initial portion followed by a larger convex portion creating the bearing area.

126003. Kamyr Aktiebolag. Device for disintegrating dense cellulosic pulp in the top of a container. Accepted on 13th April 1971.

A vertically rotatable breaker having breaking teeth is arranged in a vertical inlet chamber, opposite to the orifice of a horizontal conduit having a pulp feeding device.

126346. Joseph Lucas (Industries) Limited. Electromagnetic horns. (11th June 1969). Accepted on 3rd April 1971.

Wherein the head of bolt is accessible from the exterior of the casing and is engaged in a member which is secured to the casing so as to be immovable relative to the casing in a direction parallel to the axis of the bolt.

127141. Standard Telephones and Cables Limited. Arrangement for controlling the acceleration and tension of scrip materials being unwound from spirally wound pads. (18th June 1969). Accepted on 2nd April 1971.

Including a rotatable centre fitted into the pad, means for allowing the centre to approach a stop

member on the pad circumferences, as the diameter of the pad decreases and pad braking means.

127462. Merlio Gerio. Gas blast circuit interrupter having conducting orifice means. Accepted on 5th April 1971.

Comprising a pair of separable contact members extending through an orifice means and electric connection means connecting a portion of the orifice means to one of said contact members, during a part of the opening movement to transfer the arc from said one contact member to said portion.

127741. N. V. Philips' Gloeilampenfabrieken. A stabiliser for stabilising mixtures of aqueous emulsions and suspensions and process of producing a stabilised aqueous dispersion therewith. [Divisional date 5th July 1969]. Accepted on 5th April 1971.

Characterised in that the stabilizer is an intimate mixture of a hydrophilic hydrating animal protein and a hydrophobic dispersing agent, and if desired, an inert carrier.

127923. (Miss) Dru Naraindas Mirchandani. Improvements in or relating to underwear garments. Accepted on 14th April 1971.

Means are provided for support readjustment of its pouch or like support to maintain the desired support after prolonged use of the garment.

129842. Uniroyal, Inc. Improvements in positive power transmission drive. [Divisional date 6th November 1969]. Accepted on 12th April 1971.

Longitudinal cross-section contour of the pulley teeth is formed by the intersection of circular arcs having their centres of curvative outside the body of the pulley.

129843. Uniroyal, Inc. A power transmission pulley. [Divisional date 6th November 1969]. Accepted on 12th April 1971.

Longitudinal cross-sectional contour of teeth tips is composed of two intersecting substantially circular arcs of equal radius.

130498. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts. (23rd December 1968). [Addition to No. 121906]. [Divisional date 19th June 1969]. Accepted on 19th March 1971.

Comprising reacting an N-substituted pyridinium salt with a cyanide in a mixture of H_2O and an alcohol which is miscible with H_2O under basic conditions and oxidizing the product obtained.

130499. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts. [Addition to No. 121906]. [Divisional date 19th June 1969]. Accepted on 19th March 1971.

Comprises reacting an N-substituted pyridinium salt with a cyanide under basic conditions separating at least a part of the product and oxidizing the separated product.

130832. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Tetravalent phenols and process for preparing the same. [Divisional date 5th July 1969]. Accepted on 5th April 1971.

Combining 2 molecules of diketene with bis (β -hydroxy ethyl)-dioxo-diphenyl-dimethyl methane in presence of basic catalyst and condensing the product with phenol or O-alkyl phenol at 10° to $40^\circ C$.

130833. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Tetravalent phenols and process for preparing the same. [Divisional date 5th July 1969]. Accepted on 5th April 1971.

Condensing levulinic acid with phenol or O-alkyl phenol and esterifying the product with bis (β -hydroxyethyl)-dioxo-diphenyl-dimethyl-metha

Opposition Proceedings

(1)

An opposition has been entered by Harbans Lal Malhotra & Sons Pvt. Ltd. to the grant of a patent on application No. 119542, made by The Gellette Company.

(2)

An opposition has been entered by Sharpedge Limited to the grant of a patent on application No. 120345, made by Ashok Ganesh Joshi.

(3)

An opposition has been entered by Orissa Cement Limited to the grant of a patent on application No. 121250 made by Orissa Industries Limited.

(4)

An opposition has been entered by Belpahar Refractories Limited to the grant of a patent on application No. 122756 made by Orissa Cement Limited.

Patents Sealed

110074. 116210. 116634. 117589. 117969. 118096. 118165.
118283. 118498. 118711. 118844. 118948. 119054. 119128.
119235. 119250. 119260. 119460. 119564. 119613. 119614.
119624. 119803. 119849. 119917. 119961. 119962. 120027.
120235. 120336. 120414. 120415. 120417. 120423. 120532.
120564. 120601. 120602. 120643. 120648. 120740. 120995.
121031. 121036. 121137. 121309. 121362. 121627. 121991.
122093. 122668. 122866. 123184. 123275. 123314. 123345.
123573. 123574. 123697. 123812. 124079. 124159. 124227.
124363. 124519.

Amendment Proceedings

The amendment proposed by Shiro Kanao in respect of patent application 114119 as advertised in Part III, Section 2 of the Gazette of India dated the 26th December 1970 has been allowed.

Renewal Fees Paid

57058. 57094. 57095. 57364. 58959. 60191. 60205. 60407.
60408. 61320. 63099. 63763. 63867. 64958. 66908. 67373.
67386. 67463. 67523. 67546. 67660. 67674. 67675. 67676.
68680. 68869. 69837. 71076. 71424. 71425. 71463. 71490.
71541. 71812. 71993. 71994. 76202. 76259. 76266. 76272.
76505. 76572. 76616. 76697. 76852. 76853. 76844. 76931.
80388. 80611. 80887. 81670. 81703. 81771. 81782. 81783.
81799. 81817. 81819. 81828. 81830. 81831. 81832. 81941.
82360. 82395. 82480. 82483. 82488. 87345. 87433. 87436.
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89164. 92350. 92818. 93274. 93304. 93343. 93345. 93358.
93371. 93408. 93410. 93411. 93440. 93485. 93608. 93643.
93662. 93735. 93764. 93818. 97304. 97455. 97605. 98420.
98880. 98898. 98969. 98972. 98973. 98980. 98990. 99003.
99007. 99008. 99020. 99042. 99044. 99049. 99053. 99056.
99057. 99063. 99065. 99066. 99067. 99088. 99118. 99174.
99194. 99222. 99274. 99276. 99288. 99312. 99727. 99865.
100230. 100305. 100516. 101967. 102820. 102821. 102822.
102823. 103638. 103639. 103704. 104660. 104757. 104761.
104762. 104769. 104774. 104782. 104802. 104824. 104843.
104869. 104884. 104888. 104890. 104904. 104906. 104907.
104917. 104922. 104945. 104946. 105031. 105162. 105180.
105192. 105240. 105306. 105442. 105496. 105497. 105524.
105646. 105738. 106805. 107725. 110074. 110165. 110166.
110168. 110169. 110193. 110208. 110210. 110213. 110236.
110264. 110269. 110281. 110282. 110285. 110290. 110319.
110343. 110398. 110404. 110408. 110467. 110477. 110586.
110607. 110670. 110753. 110766. 110946. 110958. 111084.
111251. 112153. 112349. 112929. 114349. 114534. 115182.
115259. 115308. 115776. 115776.

Cessation of Patents

97984. 57986. 57987. 60898. 64869. 65216. 65220. 67929.
68882. 68884. 68887. 68889. 68892. 68896. 68902. 68904.
68905. 78956. 91578. 91579. 92008. 92567. 95651. 96999.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of

registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 137931 and 137932. Mohammad Sabar & Sons. Bazar Chowk, Moradabad, Uttar Pradesh, a firm registered under the Indian Partnership Act, 1932. "Coffee pot", September 8, 1970.

Class 1. No. 137941. Ekco-Hawkins Limited, a British Company Drury Lane, Hastings, Sussex, England, "A kettle", April 29, 1970. (U.K.).

Class 1. No. 137942. Ekco-Hawkins Limited, a British Company, Drury Lane, Hastings, Sussex, England, "A combined kettle, teapot and stand", April 29, 1970 (U.K.).

Class 1. No. 137952. Regal Industrial Corporation, a registered Indian partnership firm carrying on business at Room No. 122, Bharat Industrial Estate, 1st Floor, Tokersi Jivraj Road, Sewri, Bombay-15 DD, Maharashtra, "Hinges", September 15, 1970.

Class 1. No. 138021. Amar Plastic Works, an Indian Partnership firm registered under the Indian partnership Act, 23, Brahmanwada Road, Amar Villa, No. 1 Bombay 18, State of Maharashtra, India, "A constructional element of imitation jewellery", October 3, 1970.

Class 1. No. 138033. Jaipur Traders Corporation (P) Ltd., 1, Duffrin Bridge, Mori Gate, Delhi-6. An Indian Company, "Flour milling machinery", October 7, 1970.

Class 1. No. 138058. The Parker Pen Company, a corporation organized and existing under the laws of the State of Wisconsin, United States of America, "Fountain pen", October 13, 1970.

Class 1. No. 138172. R. S. Engineering Works, 12, 3rd Lane, Off Khetwadi Back Road, Bombay-4, in the State of Maharashtra, an Indian Proprietorship concern, "Strainers", November 11, 1970.

Class 1. No. 138187. Baburao Tukaram Nagade, An Indian Citizen Proprietor, Ganesh Metal Works, 71, Ravivar Poon-2, Maharashtra, India, "Dough dispenser", November 16, 1970.

Class 1. No. 138225. Babuji Shilpi, An Indian Citizen, Anita Flat No. 62, Mount Pleasant Road, Bombay-6, Maharashtra, India, "A swing", December 2, 1970.

Class 3. No. 137953. Regal Industrial Corporation, a registered Indian partnership firm, Room No. 122, Bharat Industrial Estate, 1st floor, Tokersi Jivraj Road Sewri, Bombay-15 DD, Maharashtra, "Handles", September 15, 1970.

Class 3. No. 138037. Mehra Leonardt Pens Pvt. Ltd., a company incorporated under the Indian Companies Act, Mehra Estate, L.B.S. Road, Vikhroli, Bombay-79, in the State of Maharashtra, within the Union of India, "Pencils", October 12, 1970.

Class 3. No. 138038. Paramount Products, a registered Indian partnership firm, Block No. A/28, 2nd floor, Shri Ram Industrial Estate, G. D. Ambedkar Road, Bombay-31, Maharashtra (India), "Containers", October 12, 1970.

Class 3. No. 138186. Arun Chhotabhai Patel, An Indian Citizen, 5/5 and 5/6 Industrial Estate, Baroda-3, Gujarat, India, "Bin", November 16, 1970.

Class 3. No. 137926. Bassani S.p.A., C. so Porta Vittoria 9, Milan, Italy, an Italian Company, "An electrical panel", September 7, 1970.

Class 3. No. 137927. Bassani S.p.A. of C. so Porta Vittoria 9, Milan, Italy, an Italian Company, "A housing

for electrical units", September 7, 1970.

Class 3. No. 137928. Bassani S.p.A., C. so Porta Vittoria 9, Milan, Italy, an Italian Company. "A panel for electrical units with cover", September 7, 1970.

Class 3. No. 137929. Bassani S.p.A., C. so Porta Vittoria 9, Milan, Italy, an Italian Company. "A cover for electrical panel", September 7, 1970.

Class 4. No. 138039. Paramount Products, a registered Indian partnership firm, Block No. A/28, 2nd floor, Shri

Ram Industrial Estate, G.D. Ambedkar Road, Bombay-31, Maharashtra (India), "Containers", October 12, 1970.

Copyright Extended for a Thlrd Period of Five Years

Design No. 106956—Class 4.

S. VEDARAMAN,

Controller General of Patents,

Designs and Trade Marks.

